

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062322\
 Data File : BM035628.D
 Acq On : 23 Jun 2022 16:50
 Operator : CG/JU
 Sample : N3358-09MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4R7MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/24/2022
 Supervised By :Yogesh Patel 06/28/2022

Quant Time: Jun 24 01:35:50 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:56:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	4413	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.617	136	18488	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.450	164	8545	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.204	188	14959	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.392	240	13268	0.400	ng/ul	-0.02
23) Perylene-d12	23.733	264	13075	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	1457	0.235	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.206	152	8829	0.321	ng/ul	-0.04
18) Fluoranthene-d10	19.233	212	16743	0.376	ng/ul	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.302	88	4629m	0.749	ng/ul	
5) Naphthalene	10.666	128	16296	0.260	ng/ul	99
7) 2-Methylnaphthalene	12.277	142	9685	0.271	ng/ul	99
8) 1-Methylnaphthalene	12.492	142	9894	0.301	ng/ul	99
10) Acenaphthylene	14.177	152	15774	0.328	ng/ul	99
11) Acenaphthene	14.510	153	11785	0.331	ng/ul	99
12) Fluorene	15.510	166	12091	0.300	ng/ul	99
14) Pentachlorophenol	16.883	266	4361m	1.520	ng/ul	
15) Phenanthrene	17.246	178	19065	0.348	ng/ul	98
16) Anthracene	17.343	178	18320	0.382	ng/ul	98
19) Fluoranthene	19.261	202	22238	0.328	ng/ul	94
20) Pyrene	19.624	202	25528	0.359	ng/ul#	95
21) Benzo(a)anthracene	21.377	228	18587	0.370	ng/ul	97
22) Chrysene	21.430	228	20608	0.345	ng/ul	98
24) Benzo(b)fluoranthene	23.026	252	20178	0.353	ng/ul	99
25) Benzo(k)fluoranthene	23.072	252	20162	0.339	ng/ul	97
26) Benzo(a)pyrene	23.637	252	20567	0.347	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.169	276	24429	0.357	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.172	278	20080	0.360	ng/ul	96
29) Benzo(g,h,i)perylene	26.910	276	21490	0.351	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

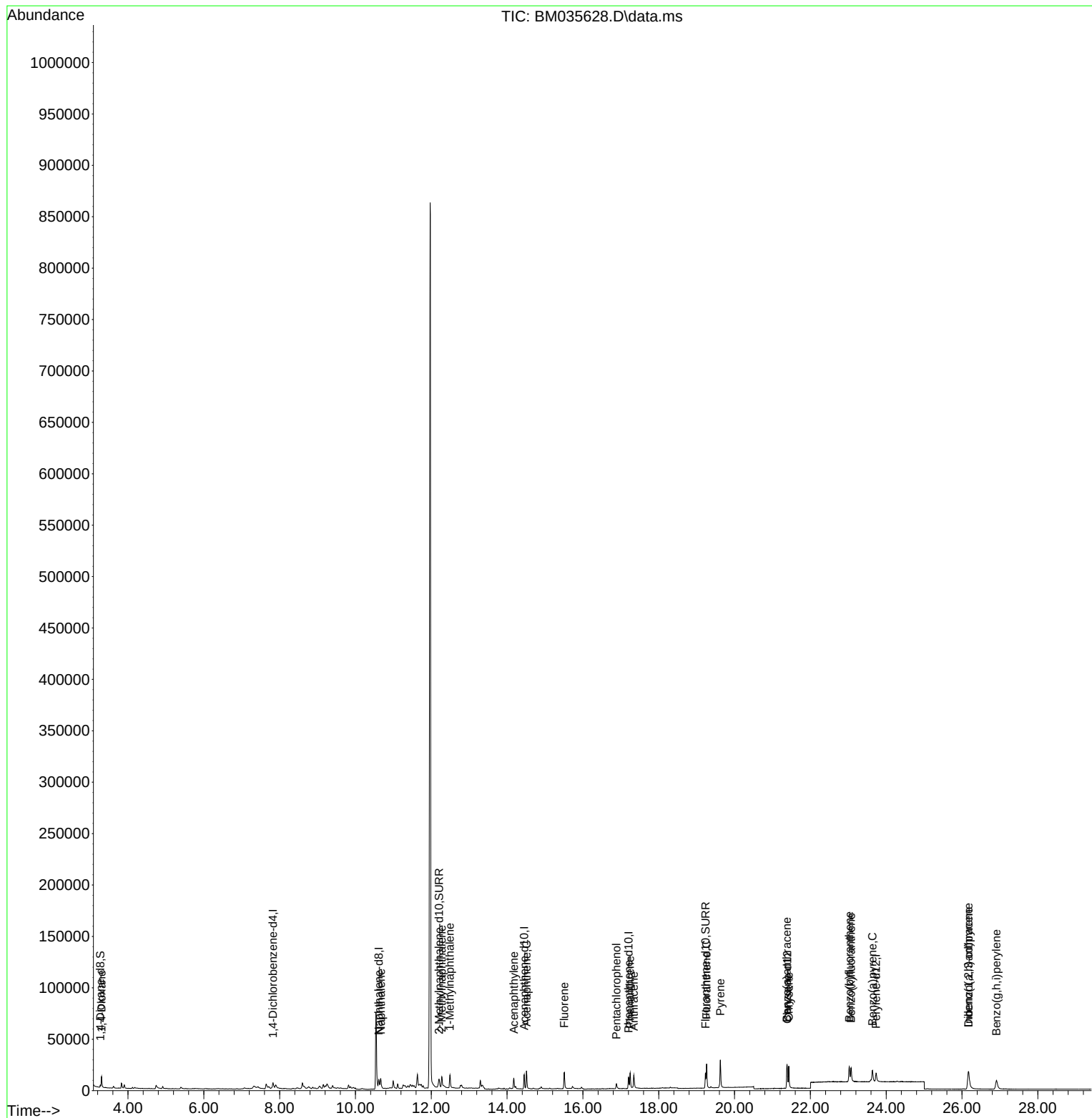
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062322\
Data File : BM035628.D
Acq On : 23 Jun 2022 16:50
Operator : CG/JU
Sample : N3358-09MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

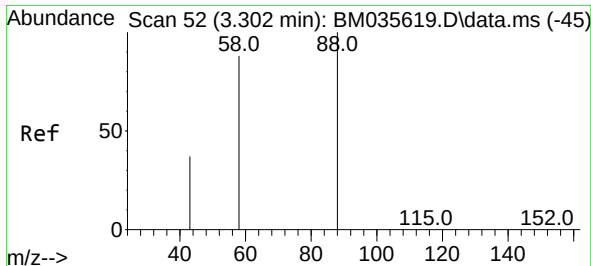
Instrument :
BNA_M
ClientSampleId :
EW4R7MSD

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022

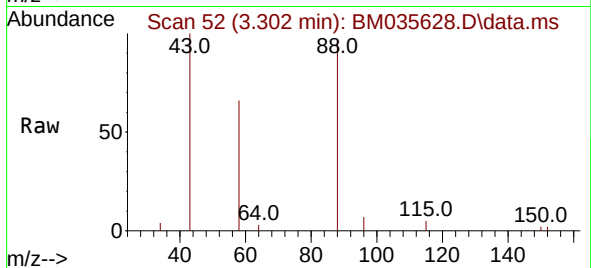
Quant Time: Jun 24 01:35:50 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 01:56:13 2022
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.749 ng/ul m
RT: 3.302 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM035628.D
Acq: 23 Jun 2022 16:50

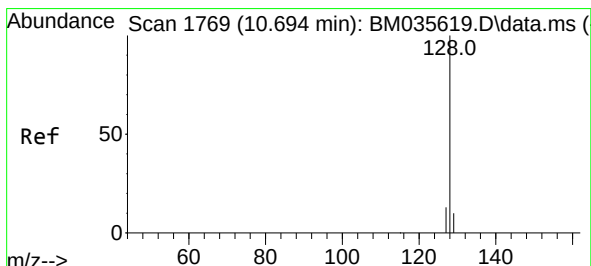
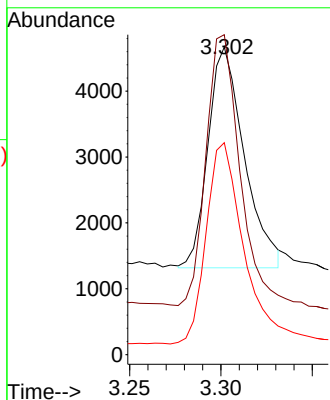
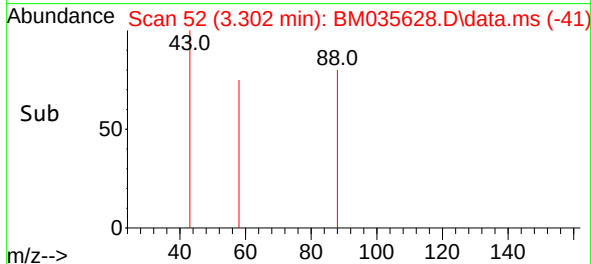
Instrument :
BNA_M
ClientSampleId :
EW4R7MSD



Tgt Ion: 88 Resp: 4629
Ion Ratio Lower Upper
88 100
43 104.0 70.4 105.6
58 68.9 45.6 68.4

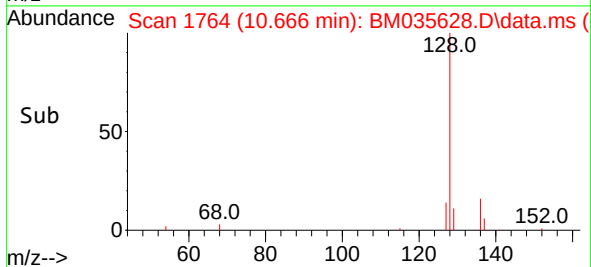
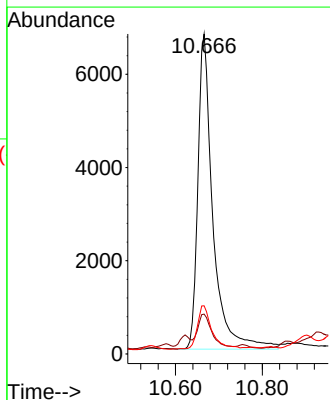
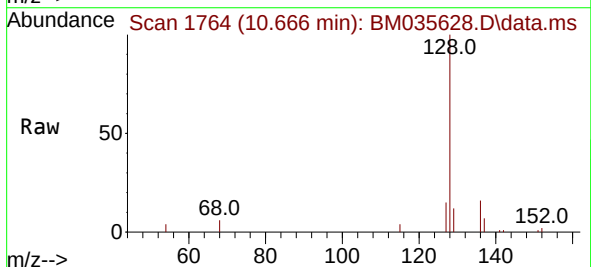
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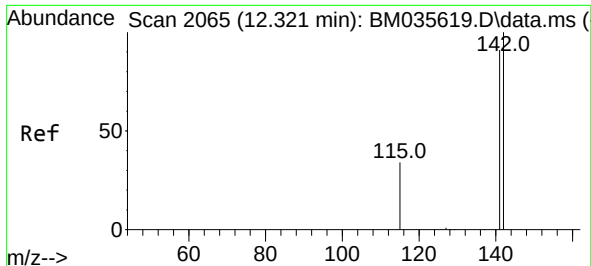
Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022



#5
Naphthalene
Concen: 0.260 ng/ul
RT: 10.666 min Scan# 1764
Delta R.T. -0.027 min
Lab File: BM035628.D
Acq: 23 Jun 2022 16:50

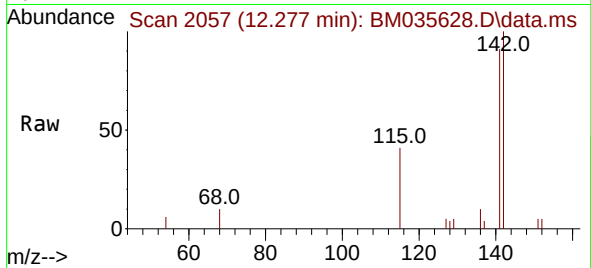
Tgt Ion:128 Resp: 16296
Ion Ratio Lower Upper
128 100
129 12.4 10.1 15.1
127 15.1 11.4 17.2





#7
2-Methylnaphthalene
Concen: 0.271 ng/ul
RT: 12.277 min Scan# 2057
Delta R.T. -0.044 min
Lab File: BM035628.D
Acq: 23 Jun 2022 16:50

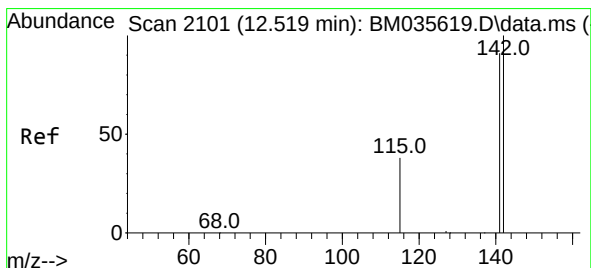
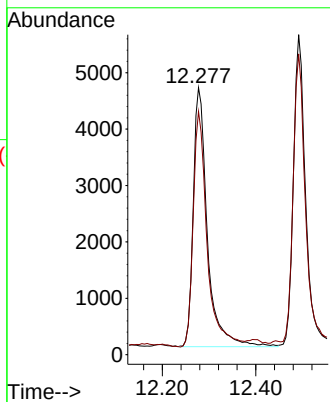
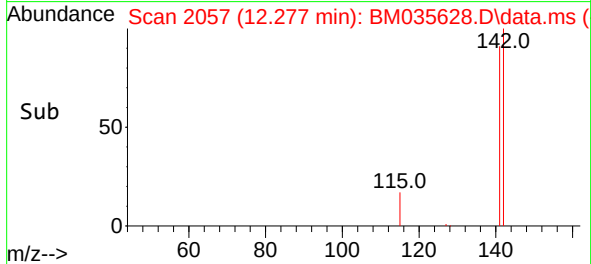
Instrument :
BNA_M
ClientSampleId :
EW4R7MSD



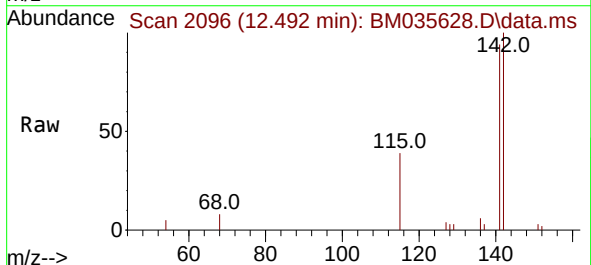
Tgt Ion:142 Resp: 968
Ion Ratio Lower Upper
142 100
141 93.0 73.8 110.8

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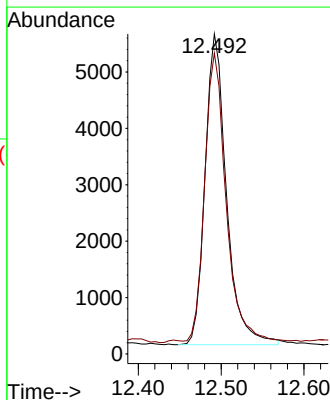
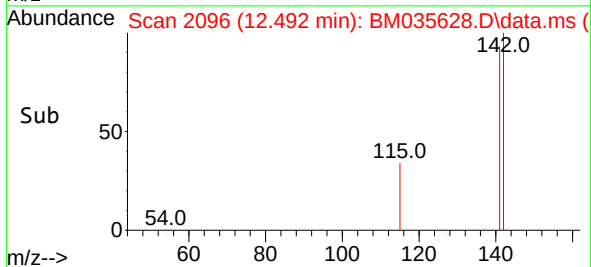
Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022

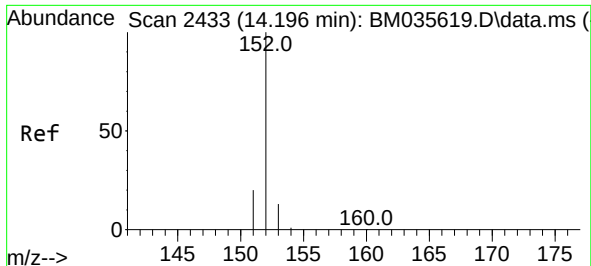


#8
1-Methylnaphthalene
Concen: 0.301 ng/ul
RT: 12.492 min Scan# 2096
Delta R.T. -0.033 min
Lab File: BM035628.D
Acq: 23 Jun 2022 16:50



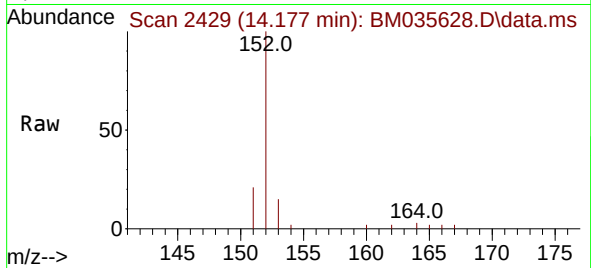
Tgt Ion:142 Resp: 9894
Ion Ratio Lower Upper
142 100
141 91.8 74.6 111.8





#10
Acenaphthylene
Concen: 0.328 ng/ul
RT: 14.177 min Scan# 2433
Delta R.T. -0.024 min
Lab File: BM035628.D
Acq: 23 Jun 2022 16:50

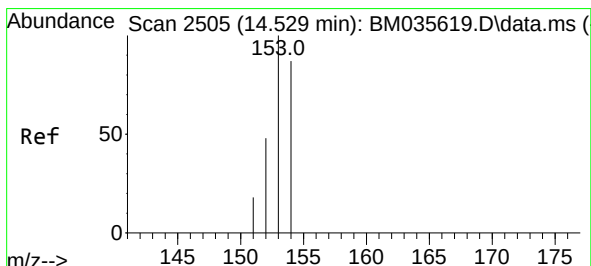
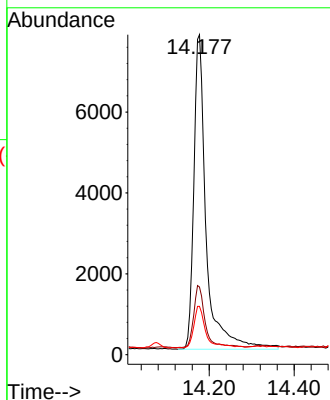
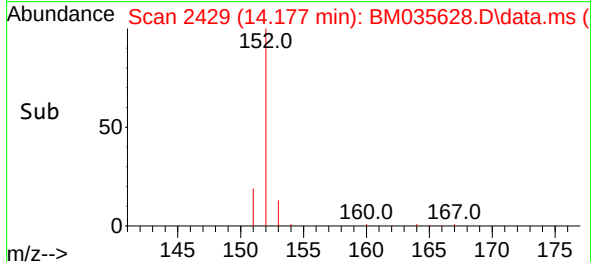
Instrument :
BNA_M
ClientSampleId :
EW4R7MSD



Tgt Ion:152 Resp: 15774
Ion Ratio Lower Upper
152 100
151 21.2 16.8 25.2
153 15.1 11.1 16.7

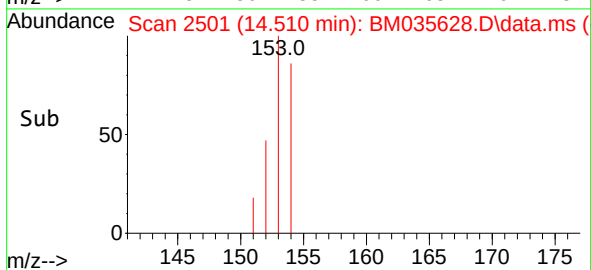
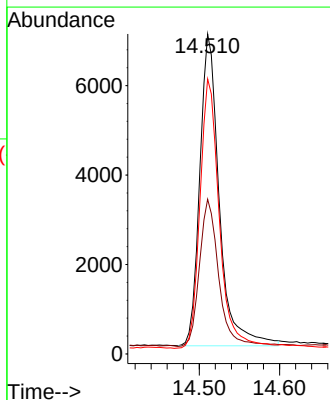
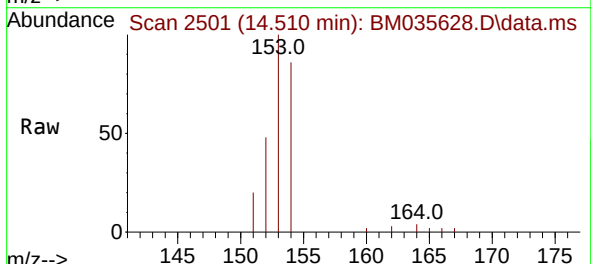
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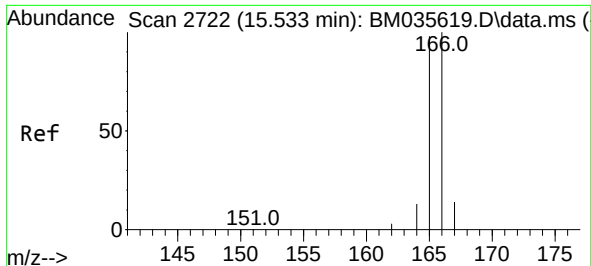
Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022



#11
Acenaphthene
Concen: 0.331 ng/ul
RT: 14.510 min Scan# 2501
Delta R.T. -0.024 min
Lab File: BM035628.D
Acq: 23 Jun 2022 16:50

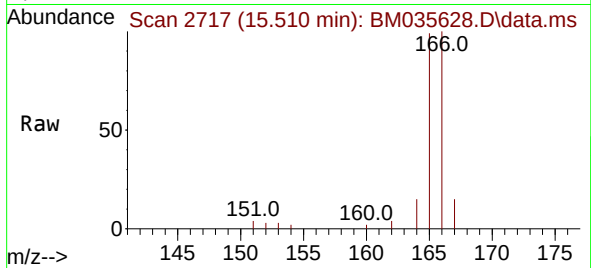
Tgt Ion:153 Resp: 11785
Ion Ratio Lower Upper
153 100
152 48.4 40.0 60.0
154 85.9 69.1 103.7





#12
Fluorene
Concen: 0.300 ng/ul
RT: 15.510 min Scan# 21
Delta R.T. -0.029 min
Lab File: BM035628.D
Acq: 23 Jun 2022 16:50

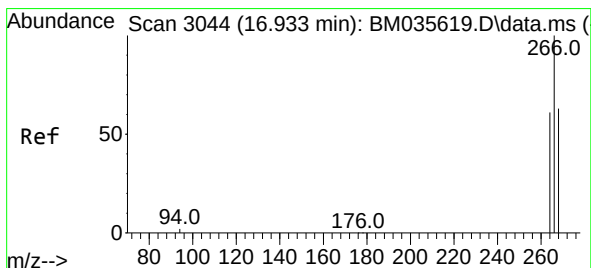
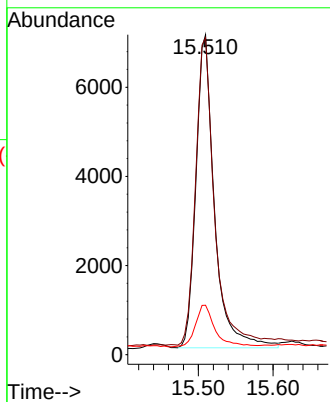
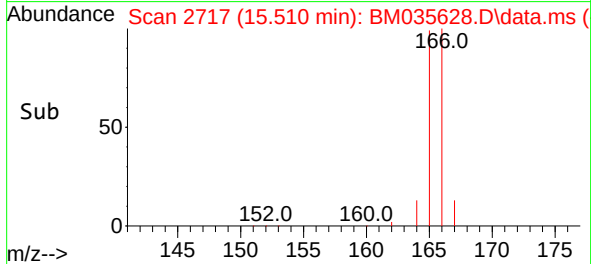
Instrument :
BNA_M
ClientSampleId :
EW4R7MSD



Tgt Ion:166 Resp: 1209
Ion Ratio Lower Upper
166 100
165 99.1 78.7 118.1
167 15.4 11.6 17.4

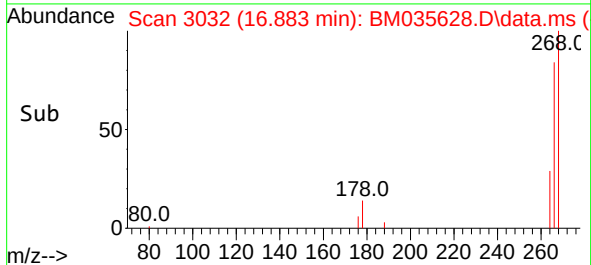
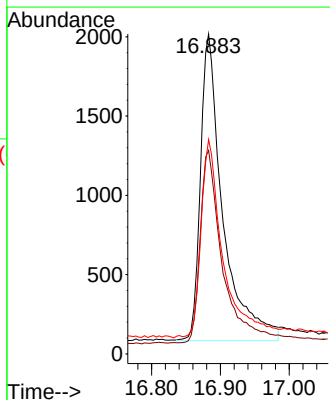
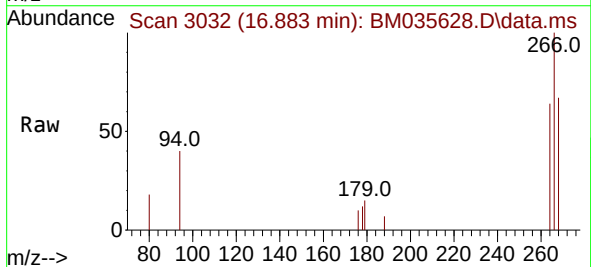
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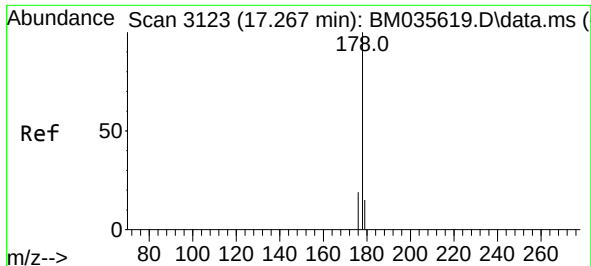
Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022



#14
Pentachlorophenol
Concen: 1.520 ng/ul m
RT: 16.883 min Scan# 3032
Delta R.T. -0.047 min
Lab File: BM035628.D
Acq: 23 Jun 2022 16:50

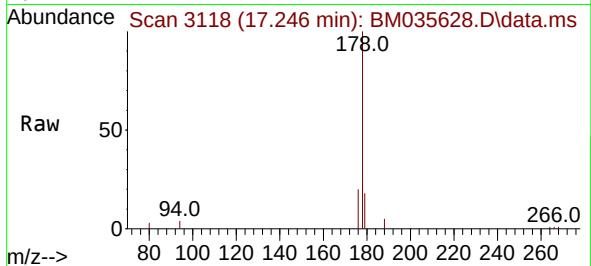
Tgt Ion:266 Resp: 4361
Ion Ratio Lower Upper
266 100
264 53.8 51.0 76.4
268 53.8 51.7 77.5





#15
Phenanthrene
Concen: 0.348 ng/u1
RT: 17.246 min Scan# 3118
Delta R.T. -0.026 min
Lab File: BM035628.D
Acq: 23 Jun 2022 16:50

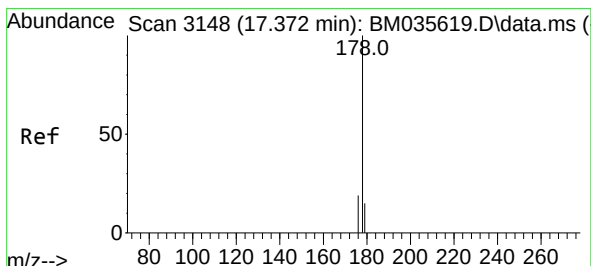
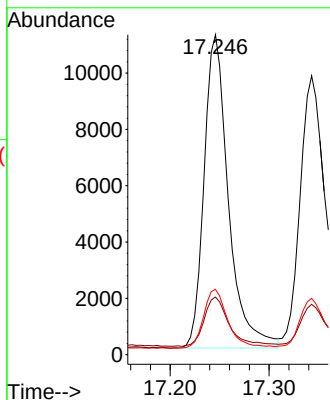
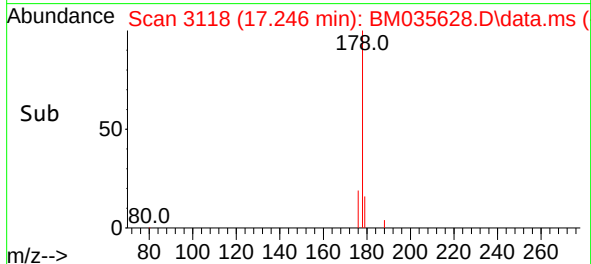
Instrument :
BNA_M
ClientSampleId :
EW4R7MSD



Tgt Ion:178 Resp: 1906
Ion Ratio Lower Upper
178 100
179 18.0 13.2 19.8
176 20.4 16.2 24.4

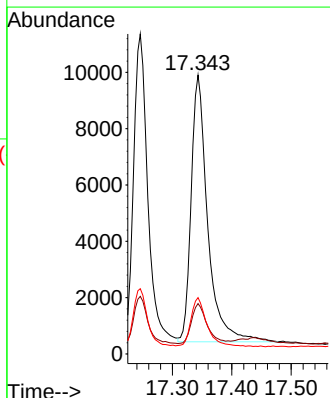
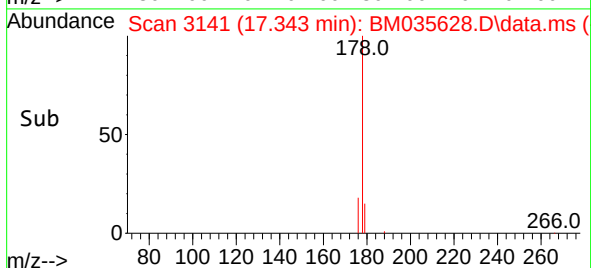
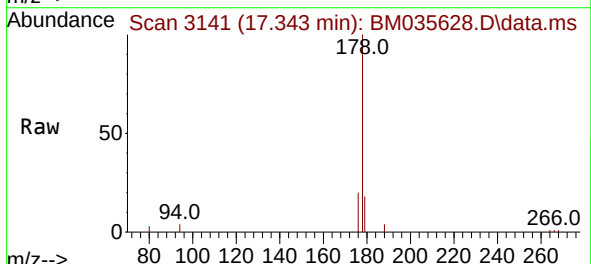
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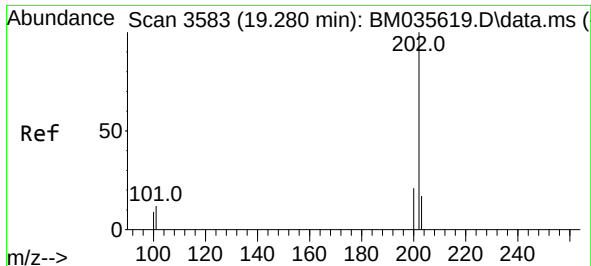
Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022



#16
Anthracene
Concen: 0.382 ng/u1
RT: 17.343 min Scan# 3141
Delta R.T. -0.030 min
Lab File: BM035628.D
Acq: 23 Jun 2022 16:50

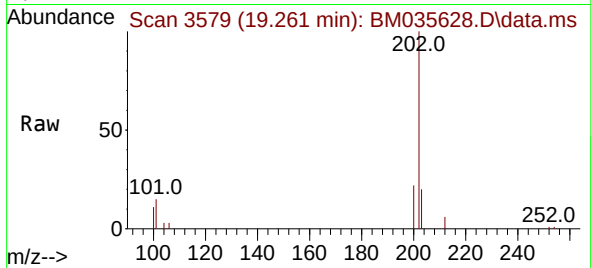
Tgt Ion:178 Resp: 18320
Ion Ratio Lower Upper
178 100
179 18.1 13.4 20.0
176 20.2 15.9 23.9





#19
Fluoranthene
Concen: 0.328 ng/u1
RT: 19.261 min Scan# 3579
Delta R.T. -0.024 min
Lab File: BM035628.D
Acq: 23 Jun 2022 16:50

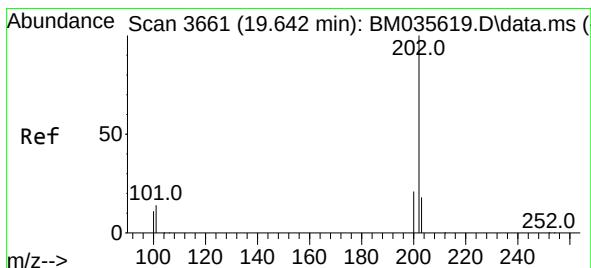
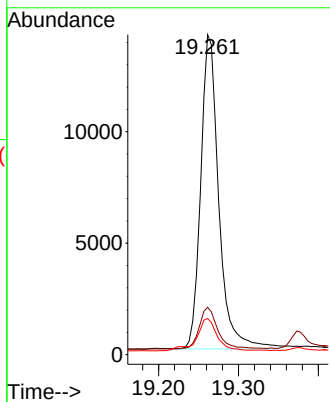
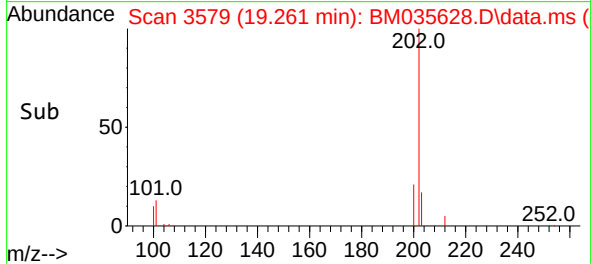
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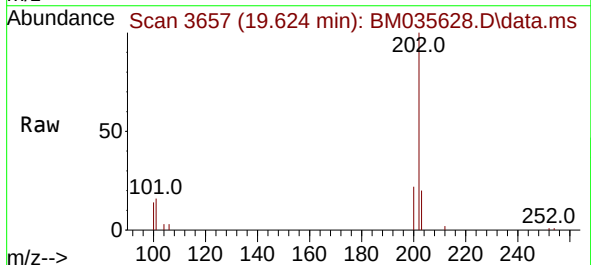
Tgt Ion:202 Resp: 22238
Ion Ratio Lower Upper
202 100
101 14.8 10.0 15.0
100 11.3 7.5 11.3

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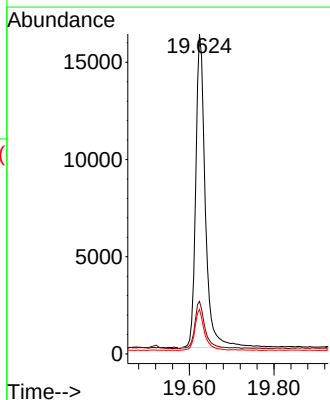
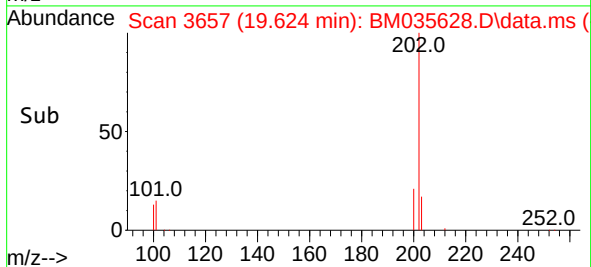
Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022

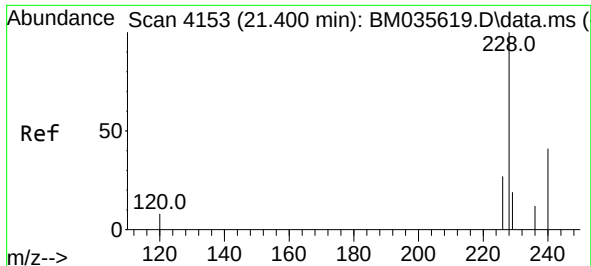


#20
Pyrene
Concen: 0.359 ng/u1
RT: 19.624 min Scan# 3657
Delta R.T. -0.024 min
Lab File: BM035628.D
Acq: 23 Jun 2022 16:50



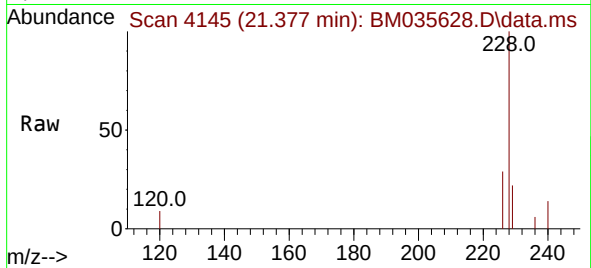
Tgt Ion:202 Resp: 25528
Ion Ratio Lower Upper
202 100
101 16.5 11.6 17.4
100 13.9 9.3 13.9#





#21
Benzo(a)anthracene
Concen: 0.370 ng/ul
RT: 21.377 min Scan# 4153
Delta R.T. -0.022 min
Lab File: BM035628.D
Acq: 23 Jun 2022 16:50

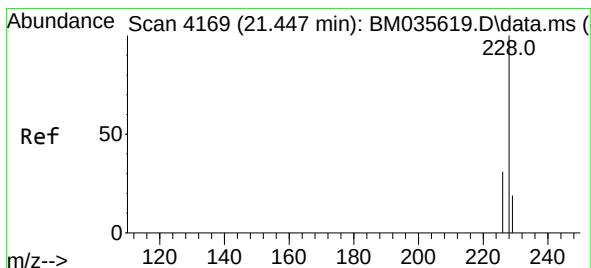
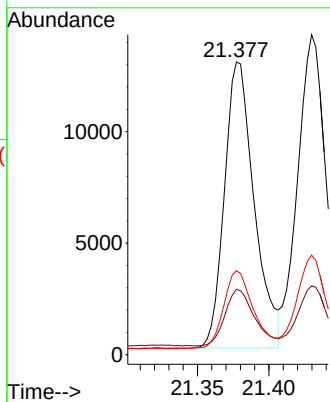
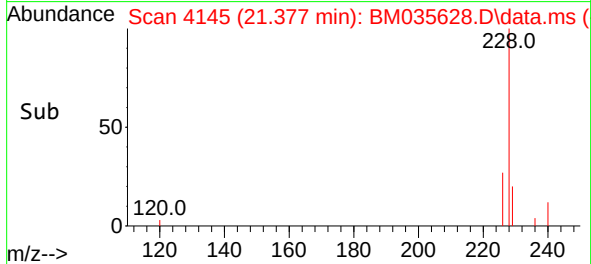
Instrument :
BNA_M
ClientSampleId :
EW4R7MSD



Tgt Ion:228 Resp: 1858
Ion Ratio Lower Upper
228 100
229 22.3 16.2 24.2
226 28.7 22.3 33.5

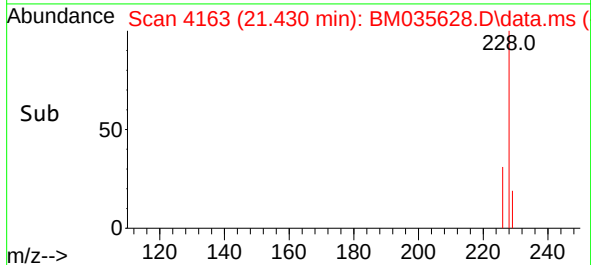
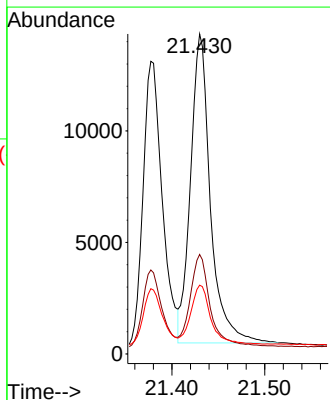
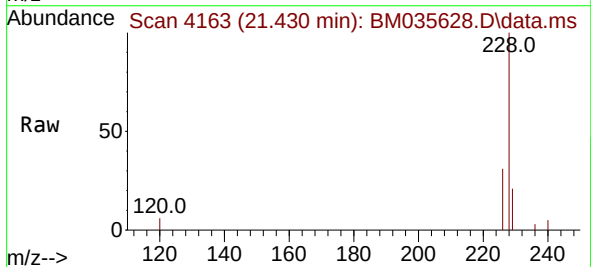
Manual Integrations
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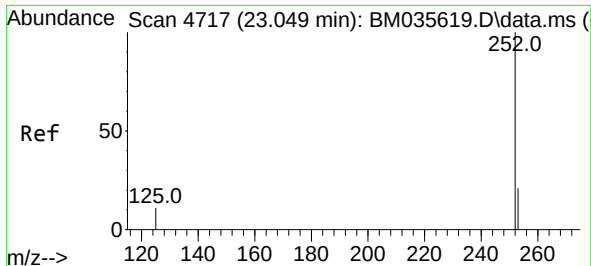
Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022



#22
Chrysene
Concen: 0.345 ng/ul
RT: 21.430 min Scan# 4163
Delta R.T. -0.020 min
Lab File: BM035628.D
Acq: 23 Jun 2022 16:50

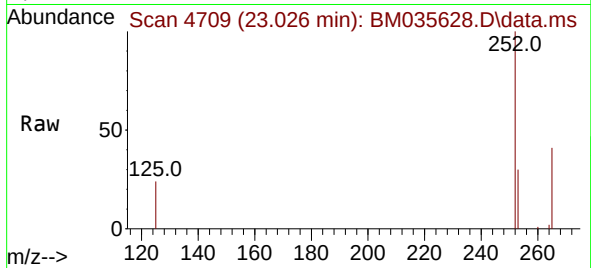
Tgt Ion:228 Resp: 20608
Ion Ratio Lower Upper
228 100
226 31.1 24.5 36.7
229 21.5 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 0.353 ng/ul
RT: 23.026 min Scan# 4717
Delta R.T. -0.025 min
Lab File: BM035628.D
Acq: 23 Jun 2022 16:50

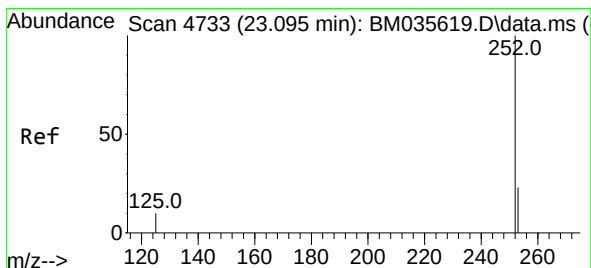
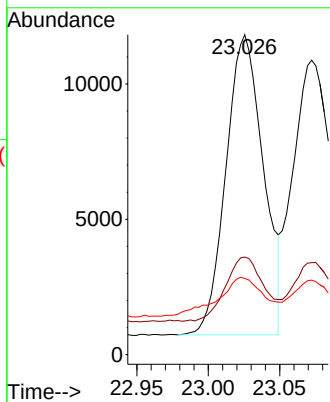
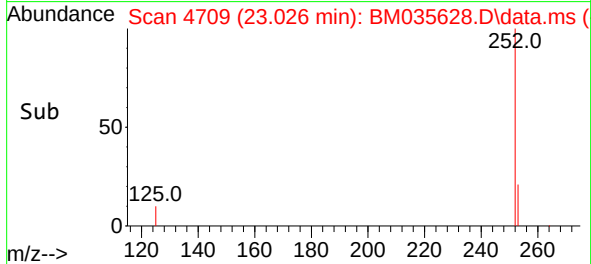
Instrument :
BNA_M
ClientSampleId :
EW4R7MSD



Tgt Ion:252 Resp: 20178
Ion Ratio Lower Upper
252 100
253 30.5 0.0 60.6
125 23.8 0.0 44.8

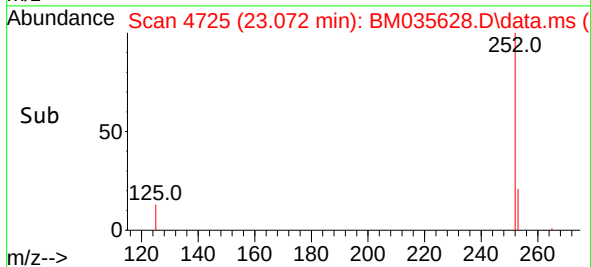
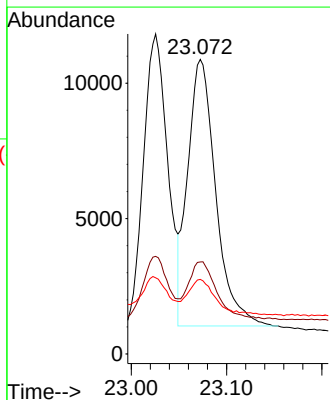
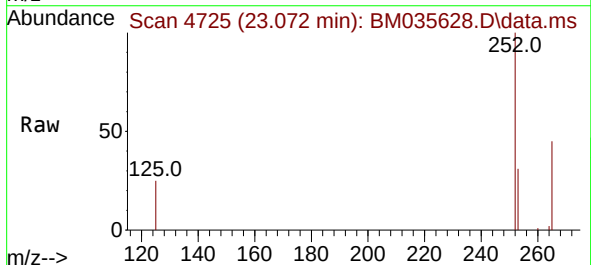
Manual Integrations
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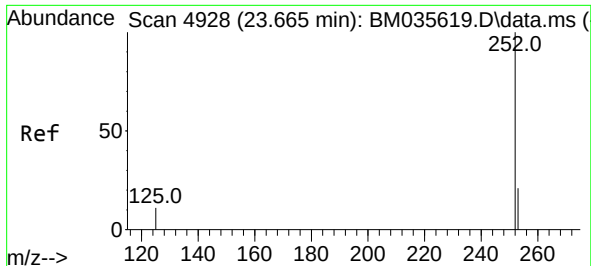
Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022



#25
Benzo(k)fluoranthene
Concen: 0.339 ng/ul
RT: 23.072 min Scan# 4725
Delta R.T. -0.025 min
Lab File: BM035628.D
Acq: 23 Jun 2022 16:50

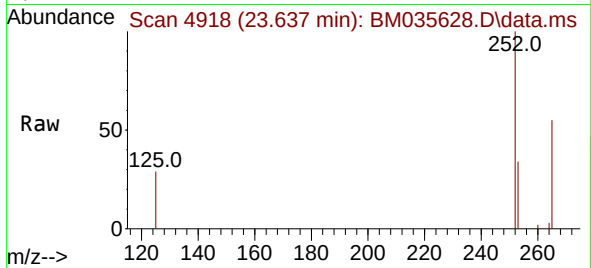
Tgt Ion:252 Resp: 20162
Ion Ratio Lower Upper
252 100
253 31.3 24.7 37.1
125 25.3 18.2 27.4





#26
Benzo(a)pyrene
Concen: 0.347 ng/ul
RT: 23.637 min Scan# 4918
Delta R.T. -0.031 min
Lab File: BM035628.D
Acq: 23 Jun 2022 16:50

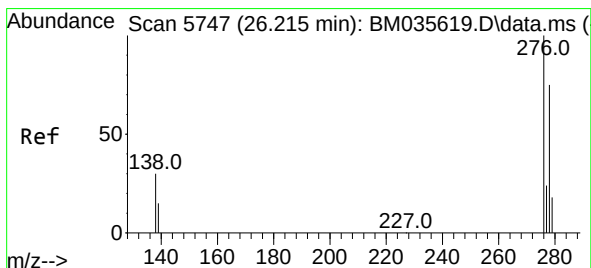
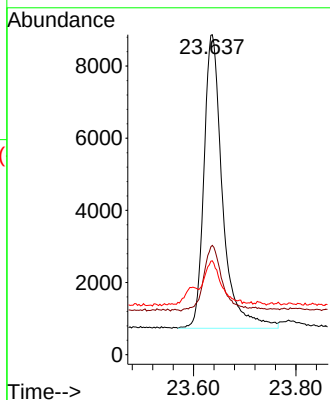
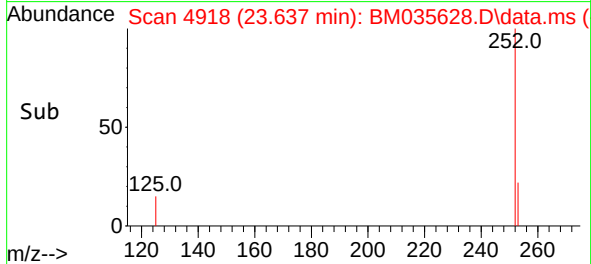
Instrument :
BNA_M
ClientSampleId :
EW4R7MSD



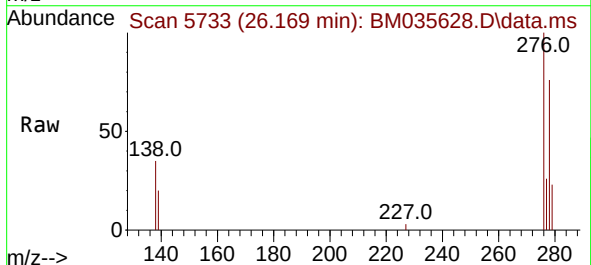
Tgt Ion:252 Resp: 2056
Ion Ratio Lower Upper
252 100
253 34.2 27.8 41.6
125 29.4 23.3 34.9

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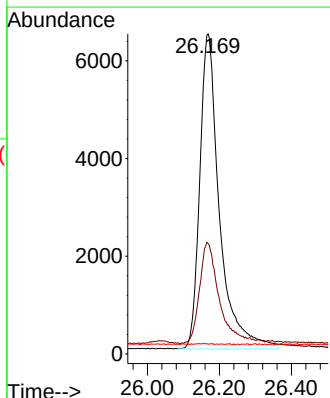
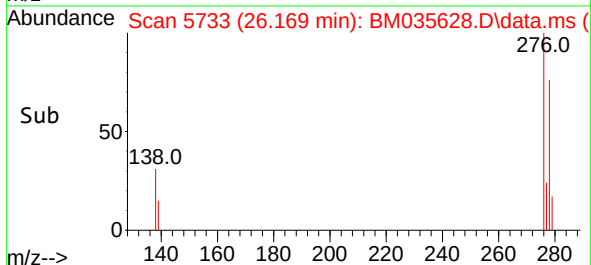
Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022

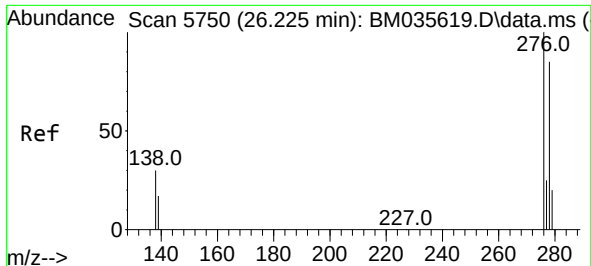


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.357 ng/ul
RT: 26.169 min Scan# 5733
Delta R.T. -0.043 min
Lab File: BM035628.D
Acq: 23 Jun 2022 16:50



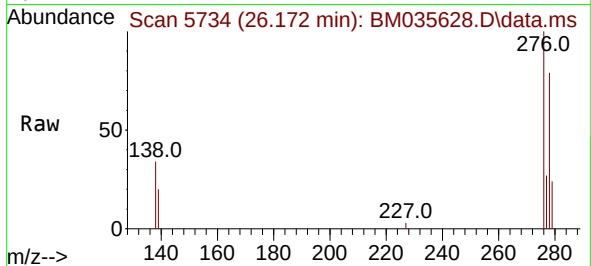
Tgt Ion:276 Resp: 24429
Ion Ratio Lower Upper
276 100
138 32.9 24.8 37.2
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.360 ng/ul
RT: 26.172 min Scan# 51
Delta R.T. -0.049 min
Lab File: BM035628.D
Acq: 23 Jun 2022 16:50

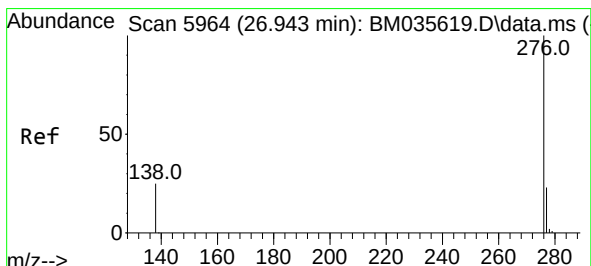
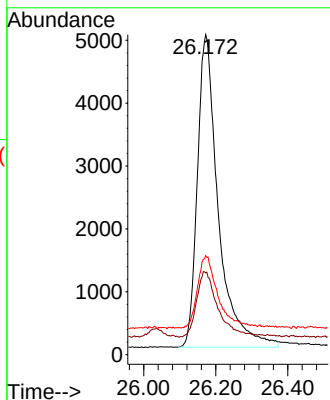
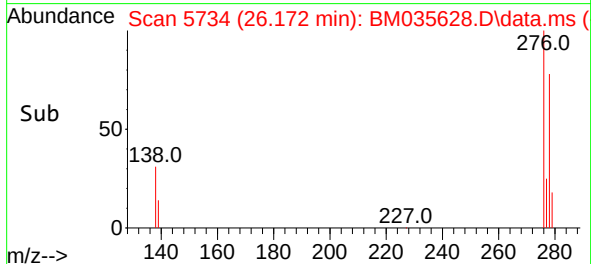
Instrument :
BNA_M
ClientSampleId :
EW4R7MSD



Tgt Ion:278 Resp: 20080
Ion Ratio Lower Upper
278 100
139 25.5 19.1 28.7
279 31.0 26.7 40.1

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Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022



#29
Benzo(g,h,i)perylene
Concen: 0.351 ng/ul
RT: 26.910 min Scan# 5954
Delta R.T. -0.036 min
Lab File: BM035628.D
Acq: 23 Jun 2022 16:50

Tgt Ion:276 Resp: 21490
Ion Ratio Lower Upper
276 100
138 30.2 23.1 34.7
277 26.0 20.3 30.5

